



CONFERENCE CODATU XVIII

CETUD - ASSISES TERRITORIALES DE LA MOBILITÉ URBAINE

SOMMET CLIMATE CHANCE AFRIQUE

DU 4 AU 6 OCTOBRE 2022



## WORKSHOP CLIMATE - RESILIENCE AND SUSTAINABILITY OF AFRICAN FOOD SYSTEMS

Wednesday 5 October 2022 : 9 am - 11 am

### Description :

On the African continent, more than half of the population works in the agricultural sector. Women are overrepresented in the food processing and catering industries, which often belong to the informal sector and place them in precarious employment situations. The agricultural sector and food imports contribute significantly to global air pollution and greenhouse gas emissions.

In a context of strong demographic growth and urban expansion marked by increasingly worrying drought episodes that accentuate inequalities in access to food in sufficient quality and quantity, the issue of food security is a major challenge for Africa. This problem has strongly affected African cities during the Covid-19 pandemic and has caused severe supply difficulties. The Covid-19 crisis has nevertheless put back on the agenda the issues of promoting local and qualitative production of food accessible to all and the dissemination of agroecological practices that respect ecosystems and have low emissions.

This session will **present tools and best practices that can be implemented by non-state actors to improve the resilience and sustainability of food systems**. It will aim to facilitate exchanges on capacity building, access to finance and governance in the sector and to bring out key messages from local stakeholders for COP 27.

### Organised by:



### Moderation:

- **Khady Camara**, President, Association Vacances Vertes, Laureate 2021 UN-WOMEN Climate Justice Award, Forum Génération Égalité, Initiator of the historic women's march for climate justice 2021 in Senegal, Laureate of the African Women leadership 2022 Climate Justice Award

### Speakers:

- **Mélaïne Assè-Wassa Sama**, Climate Action Project Officer in Africa at Climate Chance



- **Pauline Ndiaye**, Gender Specialist, Enda Pronat
- **Ndeye Ndack Pouye Mbodj**, Former Director of Planning and Sustainable Development, City of Dakar
- **Cheikh Ameth Tidiane Seye**, Project Manager, Enda Graf Sahel
- **Sémia Gharbi**, Environmental Science Professor, President of AEEFG (Hub IPEN for the MENA Region), Focal Point WEP Tunisia
- **Pierre Olivier Veysset**, Project Manager Cryosolar, Valorem

| Report of the session  |   |   |
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| Topic  | Speakers  | Key messages  |
| Overview of agriculture and food issues on the African continent, presentation of the Climate Chance Africa Observatory and case studies related to this sector. | <b>Mélaine Assè-Wassa Sama</b> , Climate Action Project Officer in Africa at Climate Chance | <p><u>Observatory of climate action in Africa:</u></p> <ul style="list-style-type: none"> <li>• Importance of mobilising African expertise community : access to comprehension keys and data</li> <li>• Agricultural land are responsible of 75% of the deforestation in Africa</li> </ul> <p><u>Adapting agriculture to climate change, the example of coffee:</u></p> <ul style="list-style-type: none"> <li>• Coffee is the 1st agricultural product exchanged in the world</li> <li>• 25 millions of small producers = 80 % world production</li> <li>• 2 species grown / 214 known</li> <li>• 60% wild species are threatened of extinction</li> <li>• Only 15% of women are certified</li> <li>• The creation of <b>coffee cooperatives</b> is a <b>socio-economic resilience tool</b></li> </ul> <p><u>Local Food Systems to increase the demand for local products, the Rufisque case:</u></p> <ul style="list-style-type: none"> <li>• Agriculture in Senegal = 46% gas emissions 1,6% in Dakar</li> <li>• AMOPAR Programme is aimed to enhance food resilience in Dakar through a local food plan: improving food quality, access to information for consumers, women's income, participative governance</li> </ul> |
| Agroecology and sustainable natural resource management: building inclusive governance systems.  | <b>Pauline Ndiaye</b> , Gender Specialist, Enda Pronat                                      | <ul style="list-style-type: none"> <li>• Agroecology is an alternative for sustainable resource management and sustainable food</li> <li>• <b>Equitable village land committees</b> and <b>local conventions</b> = participation, conflicts prevention, communication, and land organisation tools</li> <li>• Fundamental role of policy and <b>democratisation of food systems to</b></li> </ul>   |

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|   |   | <p><b>place communities at the heart of the resource management</b></p> <ul style="list-style-type: none"> <li>• Importance of <b>multi-stakeholder partnerships</b></li> </ul>   |
| <p>How to meet the challenge of food security for African cities?<br/>Presentation of the decentralised cooperation on urban agriculture in Dakar</p> | <p><b>Ndeye Ndack Pouye Mbodj</b>, Former Director of Planning and Sustainable Development, City of Dakar</p>                           | <ul style="list-style-type: none"> <li>• Solution : the <b>urban micro-gardens</b> that allow to propose local food, in sufficient quantity and quality to Dakar's inhabitants while paying the producers fairly.</li> <li>• Project constructed in the framework of the decentralised cooperation with the City of Milan, supported by FAO.</li> </ul>   |
| <p>Empowerment and engagement of women for food resilience in Dakar communes:<br/>Presentation of the FEDIAAC training project.</p>                   | <p><b>Cheikh Ameth Tidiane Seye</b>, Project Manager, Enda Graf Sahel</p>   | <ul style="list-style-type: none"> <li>• FEDIAAC is a project that aims to respond to the Covid 19 crisis to fight against poverty, food insecurity and to support the resilience of populations.</li> <li>• 680 women and 120 youth</li> <li>• Communal and inter-communal food system based on a thorough diagnosis and mapping</li> <li>• Currently: <b>training</b> phase</li> <li>• The creation of the <b>platforms</b> of the FEDIAAC project allows for the promotion of synergies between the different actors of the food industry.</li> </ul>  |
| <p>Promoting agroecology and women's empowerment to address issues of environmental conservation, food and inclusion.</p>                             | <p><b>Sémia Gharbi</b>, Environmental Science Professor, President of AEEFG (Hub IPEN for the MENA Region), Focal Point WEP Tunisia</p> | <p><u>WEP Tunisia Agroecological project:</u><br/>Integrated sustainable development approach to improve the socio-economic conditions of rural women and the promotion of their capabilities</p> <ol style="list-style-type: none"> <li>1. <b>Training</b> to build capacity</li> <li>2. Cooperation to comply international hygiene and quality standards</li> <li>3. Use of marketing tools</li> <li>4. Promotion of women's activities among local authorities</li> </ol> <ul style="list-style-type: none"> <li>• Emphasis on <b>enabling local development of agricultural seeds</b> on the African continent to achieve food sovereignty.</li> </ul> |
| <p>How do we mobilize businesses to increase the sustainability of supply chains?<br/>Cryosolar's solar-powered refrigerated storage</p>              | <p><b>Pierre Olivier Veysset</b>, Project Manager<br/>Cryosolar, Valorem</p>  | <p><u>Cryosolar, autonomous solar cold room:</u></p> <ul style="list-style-type: none"> <li>• Solution for producing cold and electricity from renewable energy, reliable 24 hours a day, 7 days a week</li> <li>• <b>Diversification to match uses and needs</b> <ul style="list-style-type: none"> <li>○ Adapt to existing cold rooms</li> </ul> </li> </ul>  |



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| <p>innovation.</p> |  | <ul style="list-style-type: none"> <li>○ whose operation is too costly</li> <li>○ Connect to cold rooms in kit form, allowing the installation of 2 to 3 cold rooms, each with different temperature settings (e.g. one at 2°C for fish or meat, one at 6°C for vegetables and one at -18°C for freezing)</li> <li>● The people in charge of maintenance on the sites where the Cryosolar is installed are trained and involved in the initial stages in order to be <b>autonomous</b> in the maintenance of the cold rooms. The idea is to ensure the <b>transfer of skills and technologies</b> necessary for an adapted development based on <b>local competences</b>.</li> </ul> |
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